
Tilgjengelig For Alle Documentation

Release 0.1

Kasper Skjeggstad

May 22, 2018

CONTENTS:

1	TFA - Auto Generated Documentation	1
1.1	Tilgjengelighet	1
1.2	AttributeForm	5
1.3	SavedSearch	6
2	Indices and tables	7
	Python Module Index	9

TFA - AUTO GENERATED DOCUMENTATION

1.1 Tilgjengelighet

```
/******  
  
    Tilgjengelighet A QGIS plugin  
    My Tilgjengelighet assignment  
  
    begin : 2017-08-21 git sha : $Format:%H$ copyright : (C) 2017 by Kasper Skjeggstad email : kasper.skjeggstad@gmail.com  
    *****/  
/******  
  
    • -  
    • This program is free software; you can redistribute it and/or modify *  
    • it under the terms of the GNU General Public License as published by *  
    • the Free Software Foundation; either version 2 of the License, or *  
    • (at your option) any later version. *  
    • -  
    *****/  
  
class Tilgjengelighet.Tilgjengelighet (iface)  
    Bases: object  
  
    QGIS Plugin Implementation.  
  
    OpenBrowser ()  
        Opens broeser to save file  
  
    addLayer (layerType)  
        The folowing code has been taken out from OpenLayers Plugin writen by Sourcepole  
  
    add_action (icon_path, text, callback, enabled_flag=True, add_to_menu=True, add_to_toolbar=True,  
                status_tip=None, whats_this=None, parent=None)  
        Add a toolbar icon to the toolbar.  
  
    Parameters  
    • icon_path (str) – Path to the icon for this action. Can be a resource path (e.g. ‘:/plug-  
        ins/foo/bar.png’) or a normal file system path.
```

- **text** (*str*) – Text that should be shown in menu items for this action.
- **callback** (*function*) – Function to be called when the action is triggered.
- **enabled_flag** (*bool*) – A flag indicating if the action should be enabled by default. Defaults to True.
- **add_to_menu** (*bool*) – Flag indicating whether the action should also be added to the menu. Defaults to True.
- **add_to_toolbar** (*bool*) – Flag indicating whether the action should also be added to the toolbar. Defaults to True.
- **status_tip** (*str*) – Optional text to show in a popup when mouse pointer hovers over the action.
- **parent** (*QWidget*) – Parent widget for the new action. Defaults None.
- **whats_this** – Optional text to show in the status bar when the mouse pointer hovers over the action.

Returns The action that was created. Note that the action is also added to self.actions list.

Return type QAction

assign_combobox_hc_parking ()

Assigning a AttributeForm object to each option in hc parking

assign_combobox_inngang ()

Assigning a AttributeForm object to each option in inngang

assign_combobox_parkeringsomraade ()

Assigning a AttributeForm object to each option in parkeringsområde

assign_combobox_vei ()

Assigning a AttributeForm object to each option in vei

canvasCrs ()

The folowing code has been taken out from OpenLayers Plugin written by Sourcepole

change_search_name ()

Changes the name of search baes on current tab and fyle and kommune

createGdalTmsLayer (*layerType, name*)

The folowing code has been taken out from OpenLayers Plugin written by Sourcepole

create_filter (*opperator, valueReference, value*)

creates FE based on input, made to take less space in other method

create_filtherencoding (*attributeList*)

creates FE based on user choices :param attributeList: :type attributeList:list<AttributeForms>

Returns Filter Encoding

Return type str

excelSave ()

obtained from xytools, Saves features to excel format @author: Richard Duivenvoorde

fill_combobox (*combobox, filename*)

fill_fylker ()

Fill up the combobox fylker with fylker from komm.txt

fill_infoWidget (*attributes*)

Filling infowidget with attributes name and no value. Also ajustes size of infowidget

Parameters **attributes** (*list<AttributeForms>*) – List of gui attriibutes

filterer ()

Makes FE and layer based on choises from user an current tab

fylke_valgt ()

Fill up komune combobox with kommune in chosen fylke

get_previous_search_activeLayer ()

Open filtering window set to preweus choises

get_temppath (*filename*)

Creating a temperarly path for a temporary file :param filename: String name for file :type filename: str, QString

Returns string of full path

Return type str

hide_show_merket ()

hide_show_nedsenkning ()

hide_show_rampe ()

Hides or shows rampe

highlightSelected ()

Highlights the object viewed in infowidget

imageSave ()

saves a screenshot of canvas

infoWidget_next ()

shows next object in infoWidget

infoWidget_prev ()

shows previous object in infoWidget

initGui ()

Create the menu entries and toolbar icons inside the QGIS GUI.

is_float (*value*)

Checks if an object is float

is_int (*value*)

checks if an object is int

komune_valgt ()

Alter the name on seach after kommune is chosen

lagre_lag ()

Saves layer as exported

obj_info ()

Fills infowidget with info of current object

openLayer_background_init ()

The folowing code has been taken out from OpenLayers Plugin writen by Sourcepole

open_export_layer_dialog ()

opens the excport gui

reset ()

Resets the gui back to default

resolve (*basepath=None*)

run ()

Run method that performs all the real work

savePath (*saveType, saveExtension*)

save_search ()

“Saves the search to search history so it can set choices in GUI bac to preveus desisions

selectedObjects (*selFeatures*)

changing number of selected objects in infowidget and settning current selected object :param selFeatures:
Selected features of layer

setMapCrs (*coordRefSys*)

The folowing code has been taken out from OpenLayers Plugin writen by Sourcepole

setReferenceLayer (*layer*)

The folowing code has been taken out from OpenLayers Plugin writen by Sourcepole

show_message (*msg_text, msg_title=None, msg_info=None, msg_details=None, msg_type=None*)

Show the user a message :param msg_test: the tekst to show the user :type msg_tekt: str

Parameters

- **msg_title** (*str*) – the title of the message box
- **msg_info** (*str*) – additional info for the user
- **msg_details** (*str*) – details for the user
- **msg_type** (*QMessageBox.Icon*) – the type of message

show_tabell ()

Shows or hide tableWidget

tilgjengelighetsvurdering (*value, notAcceceble=None, acceceble=None, relate_notAccec=None, relate_acces=None*)

to_unicode (*in_string*)

Transforme string to unicode

Parameters in_string – String to transforme

Returns unicode version of string

Return type unicode

tr (*message*)

Get the translation for a string using Qt translation API.

We implement this ourselves since we do not inherit QObject.

Parameters message (*str, QString*) – String for translation.

Returns Translated version of message.

Return type QString

unload ()

Removes the plugin menu item and icon from QGIS GUI.

1.2 AttributeForm

class AttributeForm.**AttributeForm**(*attribute*, *comboBox=None*, *lineEdit=None*, *comboBox-Text=None*)

Bases: object

Saves attributes and associated gui widgets

getAttribute ()

Returns returns the associated attribute name

Return type str

getComboBox ()

Returns returns the associated comboBox

Return type QComboBox

getComboBoxCurrentText ()

Returns returns the associated comboBox text, return None if no combobox is available

Return type QString, None

getLineEdit ()

Returns returns the associated lineEdit

Return type QLineEdit

getLineEditText ()

Returns returns the lineEdit comboBox text, return None if no lineEdit is available

Return type QString

is_number (*s*)

Sett text in AttributeForm lineEdit :param s: :type str: :rtype: boolean

operator ()

Returns the operator for attriubutt qury :rtype: QString, None

reset ()

Resets form to default

setComboBox (*comboBox*)

Assigning comboBox :param comboBox: :type comboBox: QComboBox

setLineEdit (*lineEdit*)

Assigning lineEdit :param lineEdit: :type lineEdit: QLineEdit

setLineEditText (*string*)

Sett text in AttributeForm lineEdit :param string: :type str:

valudeValid ()

checks if the attribute is valid and search ready :rtype: boolean

value ()

valueReference ()

1.3 SavedSearch

```
class SavedSearch.SavedSearch(search_name, layer, tabIndex_main, tabIndex_friluft, tabIn-  
                               dex_tettsted)  
    Bases: object  
    add_attribute (attribute, current_index, current_lineText)  
    get_attributes ()
```

INDICES AND TABLES

- `genindex`
- `modindex`
- `search`

PYTHON MODULE INDEX

a

AttributeForm, 5

s

SavedSearch, 6

t

Tilgjengelighet, 1

INDEX

- add_action() (Tilgjengelighet.Tilgjengelighet method), 1
- add_attribute() (SavedSearch.SavedSearch method), 6
- addLayer() (Tilgjengelighet.Tilgjengelighet method), 1
- assign_combobox_hc_parkering() (Tilgjengelighet.Tilgjengelighet method), 2
- assign_combobox_inngang() (Tilgjengelighet.Tilgjengelighet method), 2
- assign_combobox_parkeringsomraade() (Tilgjengelighet.Tilgjengelighet method), 2
- assign_combobox_vei() (Tilgjengelighet.Tilgjengelighet method), 2
- AttributeForm (class in AttributeForm), 5
- AttributeForm (module), 5
- canvasCrS() (Tilgjengelighet.Tilgjengelighet method), 2
- change_search_name() (Tilgjengelighet.Tilgjengelighet method), 2
- create_filter() (Tilgjengelighet.Tilgjengelighet method), 2
- create_filtherencoding() (Tilgjengelighet.Tilgjengelighet method), 2
- createGdalTmsLayer() (Tilgjengelighet.Tilgjengelighet method), 2
- excelSave() (Tilgjengelighet.Tilgjengelighet method), 2
- fill_combobox() (Tilgjengelighet.Tilgjengelighet method), 2
- fill_fylker() (Tilgjengelighet.Tilgjengelighet method), 2
- fill_infoWidget() (Tilgjengelighet.Tilgjengelighet method), 2
- filtrer() (Tilgjengelighet.Tilgjengelighet method), 3
- fylke_valgt() (Tilgjengelighet.Tilgjengelighet method), 3
- get_attributes() (SavedSearch.SavedSearch method), 6
- get_previous_search_activeLayer() (Tilgjengelighet.Tilgjengelighet method), 3
- get_temppath() (Tilgjengelighet.Tilgjengelighet method), 3
- getAttribute() (AttributeForm.AttributeForm method), 5
- getComboBox() (AttributeForm.AttributeForm method), 5
- getComboBoxCurrentText() (AttributeForm.AttributeForm method), 5
- getLineEdit() (AttributeForm.AttributeForm method), 5
- getLineEditText() (AttributeForm.AttributeForm method), 5
- hide_show_merket() (Tilgjengelighet.Tilgjengelighet method), 3
- hide_show_nedsenkning() (Tilgjengelighet.Tilgjengelighet method), 3
- hide_show_rampe() (Tilgjengelighet.Tilgjengelighet method), 3
- highlightSelected() (Tilgjengelighet.Tilgjengelighet method), 3
- imageSave() (Tilgjengelighet.Tilgjengelighet method), 3
- infoWidget_next() (Tilgjengelighet.Tilgjengelighet method), 3
- infoWidget_prev() (Tilgjengelighet.Tilgjengelighet method), 3
- initGui() (Tilgjengelighet.Tilgjengelighet method), 3
- is_float() (Tilgjengelighet.Tilgjengelighet method), 3
- is_int() (Tilgjengelighet.Tilgjengelighet method), 3
- is_number() (AttributeForm.AttributeForm method), 5
- komune_valgt() (Tilgjengelighet.Tilgjengelighet method), 3
- lagre_lag() (Tilgjengelighet.Tilgjengelighet method), 3
- obj_info() (Tilgjengelighet.Tilgjengelighet method), 3
- open_export_layer_dialog() (Tilgjengelighet.Tilgjengelighet method), 3
- OpenBrowser() (Tilgjengelighet.Tilgjengelighet method), 1
- openLayer_background_init() (Tilgjengelighet.Tilgjengelighet method), 3
- operator() (AttributeForm.AttributeForm method), 5
- reset() (AttributeForm.AttributeForm method), 5
- reset() (Tilgjengelighet.Tilgjengelighet method), 3
- resolve() (Tilgjengelighet.Tilgjengelighet method), 3
- run() (Tilgjengelighet.Tilgjengelighet method), 4
- save_search() (Tilgjengelighet.Tilgjengelighet method), 4
- SavedSearch (class in SavedSearch), 6

SavedSearch (module), 6
savePath() (Tilgjengelighet.Tilgjengelighet method), 4
selectedObjects() (Tilgjengelighet.Tilgjengelighet method), 4
setComboBox() (AttributeForm.AttributeForm method), 5
setLineEdit() (AttributeForm.AttributeForm method), 5
setLineEditText() (AttributeForm.AttributeForm method), 5
setMapCrs() (Tilgjengelighet.Tilgjengelighet method), 4
setReferenceLayer() (Tilgjengelighet.Tilgjengelighet method), 4
show_message() (Tilgjengelighet.Tilgjengelighet method), 4
show_tabell() (Tilgjengelighet.Tilgjengelighet method), 4

Tilgjengelighet (class in Tilgjengelighet), 1
Tilgjengelighet (module), 1
tilgjengelighetsvurdering() (Tilgjengelighet.Tilgjengelighet method), 4
to_unicode() (Tilgjengelighet.Tilgjengelighet method), 4
tr() (Tilgjengelighet.Tilgjengelighet method), 4

unload() (Tilgjengelighet.Tilgjengelighet method), 4

valudeValid() (AttributeForm.AttributeForm method), 5
value() (AttributeForm.AttributeForm method), 5
valueReference() (AttributeForm.AttributeForm method), 5